

Date: Wed, 21 Sep 94 04:30:10 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #1047
To: Info-Hams

Info-Hams Digest Wed, 21 Sep 94 Volume 94 : Issue 1047

Today's Topics:

 Bul344 MGT: ACS/RACES Plans 2/3
 Daily Summary of Solar Geophysical Activity for 15 September
 RB342 National Fire Center Info
 Wanted: 2M crystal rigs, eg. IC-22A

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 20 Sep 94 11:48:01 PDT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!cs.utexas.edu!
asuvax!ennews!stat!david@network.ucsd.edu
Subject: Bul344 MGT: ACS/RACES Plans 2/3
To: info-hams@ucsd.edu

To : RACES@ALLUS
Newsgroups: rec.radio.info
Followup-To: rec.radio.amateur.misc
Approved: rec-radio-info@ve6mgs.ampr.ab.ca

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: ALL COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: ALL AMATEURS U.S (@USA: INFORMATION), CAP, MARS.
FROM: CA GOVERNORS OFFICE OF EMERGENCY SERVICES
 (W6SIG@WA6NWE.CA) PH: 916-262-1600, 2800 Meadowview Rd.,
 Sacramento, CA 95832. Landline BBS, 916-262-1657 (Open
 to all). Internet crm@oes.ca.gov or seh@oes.ca.gov

BULLETIN 344 MGT: ACS/RACES Plans 2/3
Release Date: September 19, 1994

For obvious reasons, a city and its county cannot develop communications plans independent of one another, any more than can a state and its counties. Such plans are the basis of emergency communications mutual aid and are jointly developed in a spirit of cooperation. For that reason they bear signatures of approval or concurrence by officials of both jurisdictions. The purpose is for each jurisdiction's plan to provide cooperation with the other -- not for one to dominate the other.

Nowhere does this discussion, or any ACS - RACES plan, intend to infer that a state can direct a county or that a county can direct a city in the application of an ACS or RACES program. Plans need be compiled and issued in a spirit of mutual benefit and cooperation, working together to provide emergency communications when needed. An aspect of this is a standardized plan format which makes cooperation easier. A further aspect is that concurring signatures notifies other governments that an OFFICIAL action was taken to approve the plan.

Emergency communications plans that fail to reflect the necessary inter-relationships described above are almost certainly doomed to failure. Unfortunately, history dictates that there have been some otherwise responsible government officials who believed that all of their communication was as close as their telephone, hence they failed to develop an emergency communications reserve and then suffered the debilitating results personally.

(Continues next bulletin)

Note: A sample model plan is available on request with a SASE 9x11 mailer with 75 cents postage to non-government or out of state requests. For California jurisdictions the Auxiliary Communications Service personnel in Sacramento offer to provide a custom plan for any city or county emergency communications reserve coordinator.

EOM.

RACES Bulletins are archived on the Internet at ftp.ucsd.edu in hamradio/races or in hamradio/packet/tcpip/incoming and can be retrieved using FTP. The opinions stated are those of the author of the bulletin and not the poster.

Date: Thu, 15 Sep 94 22:04:44 MDT
From: news.cerf.net!nntp-server.caltech.edu!netline-fddi.jpl.nasa.gov!
news.byu.edu!gatech!howland.reston.ans.net!math.ohio-state.edu!
scipio.cyberstore.ca!vanbc.wimsey.com!unixg.ubc.@ihnp4.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 15 September
To: info-hams@ucsd.edu

\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

15 SEPTEMBER, 1994

\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 15 SEPTEMBER, 1994

NOTE: Energetic electron fluence at greater than 2 MeV continued at moderate
to high levels today. The background x-ray flux was well below A1.0.

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 258, 09/15/94
10.7 FLUX=071.5 90-AVG=079 SSN=011 BKI=2112 1222 BAI=005
BGND-XRAY=A1.0 FLU1=2.9E+06 FLU10=3.9E+04 PKI=2122 2223 PAI=007
BOU-DEV=010,007,009,017,009,010,012,019 DEV-AVG=011 NT SWF=00:000
XRAY-MAX= A2.1 @ 0819UT XRAY-MIN= A1.0 @ 2338UT XRAY-AVG= A1.4
NEUTN-MAX= +002% @ 1945UT NEUTN-MIN= -002% @ 1825UT NEUTN-AVG= +0.0%
PCA-MAX= +0.0DB @ 1410UT PCA-MIN= -0.3DB @ 2150UT PCA-AVG= -0.1DB
BOUTF-MAX=55217NT @ 2154UT BOUTF-MIN=55187NT @ 1725UT BOUTF-AVG=55205NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+079,+000,+000
GOES6-MAX=P:+136NT@ 2234UT GOES6-MIN=N:-017NT@ 1940UT G6-AVG=+105,+027,-001
FLUXFCST=STD:078,070,070;SESC:078,070,070 BAI/PAI-FCST=010,010,010/010,010,008
KFCST=2233 4222 2223 4221 27DAY-AP=005,007 27DAY-KP=2211 1222 1332 2222
WARNINGS=
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 14 SEP 94 is not available.
The Full Kp Indices for 14 SEP 94 are not available.
The 3-Hr Ap Indices for 14 SEP 94 are not available.
Greater than 2 MeV Electron Fluence for 15 SEP is: 6.3E+08

SYNOPSIS OF ACTIVITY

Solar activity was very low. With west limb passage of Region 7776 (S08W92), the disk is spotless.

Solar activity forecast: solar activity is expected to remain very low.

The geomagnetic field was quiet. The greater than 2 MeV electron flux was at high levels.

Geophysical activity forecast: the geomagnetic field is expected to be mostly unsettled.

Event probabilities 16 sep-18 sep

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 16 sep-18 sep

A. Middle Latitudes

Active	20/15/15
Minor Storm	10/10/10
Major-Severe Storm	05/05/05

B. High Latitudes

Active	25/25/25
Minor Storm	15/15/15
Major-Severe Storm	05/05/05

HF propagation conditions were normal over all regions. Normal propagation should continue through 18 September inclusive.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

=====

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 15/2400Z SEPTEMBER

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7776	S08W92	052	0120	HSX	02	001	ALPHA	

REGIONS DUE TO RETURN 16 SEPTEMBER TO 18 SEPTEMBER

NMBR	LAT	LO
------	-----	----

NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 15 SEPTEMBER, 1994

A. ENERGETIC EVENTS:

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
NONE									

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 15 SEPTEMBER, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
NO EVENTS OBSERVED								

INFERRED CORONAL HOLES. LOCATIONS VALID AT 15/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS								
EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
NO DATA AVAILABLE FOR ANALYSIS								

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
NO EVENTS OBSERVED.										

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Uncorrelated:	0	0	0	0	0	0	0	0	000	(0.0)

Total Events: 000 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
NO EVENTS OBSERVED.								

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Tue, 20 Sep 94 11:46:52 PDT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!cs.utexas.edu!
asuvax!ennews!stat!david@network.ucsd.edu
Subject: RB342 National Fire Center Info
To: info-hams@ucsd.edu

To : RACES@ALLUS
Newsgroups: rec.radio.info
Followup-To: rec.radio.amateur.misc
Approved: rec-radio-info@ve6mgs.ampr.ab.ca

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: ALL COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: ALL AMATEURS U.S. (@USA: INFORMATION), CAP, MARS.
FROM: CA GOVERNORS OFFICE OF EMERGENCY SERVICES
(W6SIG@WA6NWE.CA) PH: 916-262-1600, 2800 Meadowview Rd.,
Sacramento, CA 95832. Landline BBS, 916-262-1657 (Open
to all). Internet crm@oes.ca.gov or seh@oes.ca.gov

BULLETIN 342 MISC: NIFC Boise
Release Date: September 5, 1994

The National Interagency Fire Center (NIFC, formerly Boise Interagency Fire Center) located in Boise, Idaho is a joint venture of the several agencies: USFS (U.S. Forest Service), BLM (Bureau of Land Management), BIA (Bureau of Indian Affairs), USFWS (U.S. Fish and Wildlife Service), NPS (National Park Service) and NWS (National Weather Service).

In addition to fires it has also been active in floods, earthquakes and other disasters such as Hurricane Andrew, Mount St. Helens volcanic eruption and the Northridge Quake. For the latter the State Office of Emergency Services ordered virtually everything from the Boise radio warehouse - hundreds of portables, repeaters, control stations, fixed links, battery packs and antennas.

The NIFC Telecommunications Branch has a large staff of administrators and technicians for communications assistance. It stocks equipment in caches, which consist VHF and UHF repeater and radio kits, some satellite equipment, radio telephone interconnect kits and electronic key telephone systems.

When the State has exhausted its cache of kits and transportable resources it may place a request for Federal assistance. Because of the size of California, two NIFC-type warehouses [in CA] duplicate some of the equipment stored further away in Boise. Requests are placed with the nearest Federal zone for delivery to the requesting agency. If Zone cannot fulfill the request it is forwarded to NIFC in Boise. The only costs associated with the use of the Federal equipment is shipping, any lost equipment, batteries, and the daily cost of a technician if required. To make the latter unnecessary, several people in California have been certified through NIFC training.

The center teaches a highly regarded two-week training course in Boise on the Incident Command System, Communications Unit Organization and staffing, theory and equipment, accountability, incident planning and demobilization. It includes both tabletop incident practice and hands-on field work with actual equipment. Completing the training enables one to be a fully qualified Communications Unit Leader.

Suggested by an article in the "APCO BULLETIN" by Brent Finster, Communications Director for Aspen-Pitkin County Communications Center, Aspen, Colorado.
EOM.

RACES Bulletins are archived on the Internet at ftp.ucsd.edu in hamradio/races or in hamradio/packet/tcpip/incoming and can be retrieved using FTP. The opinions stated are those of the author of the bulletin and not the poster.

Date: 21 Sep 94 16:14:46 +0800
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!cs.utexas.edu!convex!news.duke.edu!zombie.ncsc.mil!gmi!usenet.eel.ufl.edu!piaget.moe.ac.sg!raffles.technet.sg!ntuix.ntu.ac@ihnp4.ucsd.edu
Subject: Wanted: 2M crystal rigs, eg. IC-22A
To: info-hams@ucsd.edu

Can anyone help me locate a source for the crystal controlled 2M rigs below?

1. ICOM IC-22A
2. ICOM IC-215
3. KENWOOD TR-2200A, TR-2200G
4. KENWOOD TR-7200, TR-7200G
5. YAESU FT-2F
6. YAESU FT-221

It does not matter if these are new, second or third-hand. Just as long as they are in working condition. Please e-mail me ASAP. Thanks.

73,
Daniel

Date: 21 Sep 1994 05:08:27 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!cs.utexas.edu!convex!news.duke.edu!zombie.ncsc.mil!gmi!usenet.eel.ufl.edu!piaget.moe.ac.sg!raffles.technet.sg!news.np.ac.@ihnp4.ucsd.edu
To: info-hams@ucsd.edu

References <344hc5\$5an@news.duke.edu>, <VTs5Rc4w165w@jackatak.raider.net>, <RY1yPrj.mlazaroff@delphi.com>nv
Subject : Re: PLSE INCLUDE SASE FOR DIRECT DX QSL CARDS!!!

I'm new to amateur radio (actually, I haven't got a license yet - I just got the results to my theory exam last sat) - and I was wondering about these QSL cards...

Do they _have_ to be cards? Can't we fill out an aerogram (?) instead, and post it?

You know, like people who have laserprinters, can print pretty good b/w pictures onto a sheet of paper and the like... The cost (airmail) would be considerably lower than a card too (I think)

Maybe I'm just lazy...

PS: Whilst I'm talking about amateur radio, where I come from, they've recently introduced a restricted (ie no-code) license - where you're limited to the VHF bands - how far can one reach with VHF anyway?

End of Info-Hams Digest V94 #1047
